

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	37	nelles-g\$.in. and (solar or photovoltaic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 12:15
S2	49	yasuda-a\$.in. and (solar or photovoltaic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 12:23
S3	1	werner-h\$.in. and (solar or photovoltaic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 12:24
S4	72	schmidt-h\$.in. and (solar or photovoltaic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 12:25
S5	4	mukundan-t\$.in. and (solar or photovoltaic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 12:25
S6	5	karickal-h\$.in. and (solar or photovoltaic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 12:27
S7	25	lupo-d\$.in. and (solar or photovoltaic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 12:50
S8	1	("20040177879").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/06 12:50



nelles and solar

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Tandem dye-sensitized **solar** cell for improved power conversion efficiencies - group of 3 »

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M Dürr, A Bamedi, A Yasuda, G **Nelles** - Applied Physics Letters, 2004 - link.aip.org
 ... M. Dürr, A. Bamedi, A. Yasuda, G. **Nelles**. Abstract. The power conversion efficiency of dye-sensitized **solar** cells crucially depends on the ability of the ...
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[CITATION] Electrical characterisation of dye sensitised nanocrystalline TiO₂ **solar** cells with liquid ...

G Kron, T Egerter, G **Nelles**, A Yasuda, JH Werner, ... - Thin Solid Films, 2002
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Augmenting the science centre and museum experience - group of 2 »

... J Looser, G Aldridge, D Brown, B Garrie, C **Nelles** - Proceedings of the 2nd international conference on Computer ..., 2004 - portal.acm.org
 ... Barbara Garrie bag23@student.canterbury.ac.nz Claudia **Nelles** claudia.nelles@hitlabnz.org Abstract ... on a real square (marker) as seen in the **SOLAR** System exhibit ...
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Diffusion-limited transport of I through nanoporous TiO-polymer gel networks - group of 2 »

... , G Kron, U Rau, JH Werner, A Yasuda, G **Nelles** - The Journal of Chemical Physics, 2004 - link.aip.org
 ... M. Dürr, G. Kron, U. Rau, JH Werner, A. Yasuda, G. **Nelles**. ... liquid electrolytes as well as with respect to the implications for dye-sensitized **solar** cell devices ...
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Electrical characterisation of dye sensitised nanocrystalline TiO sub (2) **solar** cells with liquid

...
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Low-temperature fabrication of dye-sensitized **solar** cells by transfer of composite porous layers.

... , M Obermaier, S Rosselli, A Yasuda, G **Nelles** - Nat Mater, 2005 - ncbi.nlm.nih.gov
 ... M, Rosselli S, Yasuda A, **Nelles** G. Materials Science Laboratory, Sony Deutschland GmbH, Stuttgart, Germany. duerr@sony.de Dye-sensitized **solar** cells have ...
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Letters: Abstract

... , M OBERMAIER, S ROSSELLI, A YASUDA, G **NELLES** - Nature Materials, 2005 - nature.com
 ... 16. Dürr, M., Bamedi, A., Yasuda, A. & **Nelles**, G. Tandem dye-sensitized **solar** cell for improved power conversion efficiency. Appl. Phys. Lett. ...
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[CITATION] Photogeneration and photovoltaic effect in blends of derivatives of

hexabenzocoronene and perylene

... , S ROSSELLI, A YASUDA, G NELLES, Z TOMOVIC, MD ... - Synthetic metals, 2005 - Elsevier Science
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Determination of the effective diffusion constant of I_{3}^{+} -ions in nanoporous TiO_2

...
... Taretto, M Durr, T Miteva, G Nelles, A Yasuda, JH ... - Photovoltaic Energy Conversion, 2003. Proceedings of 3rd ..., 2003 - ieeexplore.ieee.org
... Sony International (Europe) GmbH, Materials Science Laboratories, Stuttgart, Germany
ABSTRACT A device structure similar to the dye sensitized solar cells is ...
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Nanowire-based dye-sensitized solar cells - group of 2 »

JB Baxter, ES Aydil - Applied Physics Letters, 2005 - link.aip.org
... M.Durr, A.Bamedi, A.Yasuda, and G.Nelles, "Tandem dye-sensitized solar cell for improved power conversion efficiencies," Appl. Phys. Lett. 84, 3397 (2004). ...
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DETERMINATION OF THE EFFECTIVE DIFFUSION CONSTANT OF I³-IONS IN NANOPOROUS TiO₂ NETWORKS

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... Taretto, M Dürr, T Miteva, G Nelles, A Yasuda, JH ... - intra.ipe.uni-stuttgart.de

... 1, U. Rau 1, K. Taretto 1, M. Dürr 2, T. Miteva 2, G. Nelles 2, A ... A device structure similar to the dye sensitized solar cells is investigated by current ...

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Materials for multi junction solar cell

S Nishimura, K Terashima, H Nagayoshi - Photovoltaic Specialists Conference, 2005. Conference Record ..., 2005 - [ieeexplore.ieee.org](#)

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[CITATION] Application of an ionic liquid-based electrolyte to a 100 mm× 100 mm sized dye-sensitized solar ...

H Matsui, K Okada, T Kawashima, T EZURE, N TANABE, ... - Journal of Photochemistry and Photobiology A: Chemistry

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... , U Rau, M Dürr, T Miteva, G Nelles, A Yasuda, JH ... - Electrochemical and Solid-State Letters, 2003 - [link.aip.org](#)

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Electronic properties of nanoporous TiO₂ films investigated in real space by means of ...

... DÜRR, B WENDLING, A YASUDA, G NELLES, W KNOLL, M ... - Applied surface science, 2006 - [adsabs.harvard.edu](#)

Title: Electronic properties of nanoporous TiO₂ films investigated in real space by means of scanning tunnelling spectroscopy. ...

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Electrospun TiO₂ electrodes for dye-sensitized solar cells - group of 4 »

DY Kim - Nanotechnology, 1861 - [iop.org](#)

... 1864 Page 5. Electrospun TiO₂ electrodes for dye-sensitized solar cells ... Photobiol.

A 164 3 [17] Durr M, Bamedi A, Yasuda A and Nelles G 2004 Appl. Phys. Lett. ...

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Up-Conversion Photoluminescence in Polyfluorene Doped with Metal (II)–Octaethyl Porphyrins - group of 2 »

... , S Balushev, T Miteva, G Nelles, U Scherf, A ... - Advanced Materials, 2003 - [doi.wiley.com](#)

... Panagiotis E. Keivanidis, Stanislav Balushev,* Tzenka Miteva, Gabriele Nelles,

Ulrich Scherf ... tional materials in light-emitting diodes [1] and solar cells, [2 ...

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染料敏化太阳能电池的研究进展 - group of 2 »

陈炜, 孙晓丹, 李恒德, 翁端 - 世界科技研究与发展, 2004 - 万方数据资源系统

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Optimization of a Quasi-Solid-State Dye-Sensitized Photoelectrochemical Solar Cell Employing a ... - group of 2 »

E Stathatos, P Lianos, AS Vuk, B Orel - Advanced Functional Materials, 2004 - doi.wiley.com

... the redox couple I_3^-/I^- have been successfully employed with dye-sensitized solar cells, providing an ... [12] G.Kron, T.Egerter, G.Nelles, A.Yasuda, JH ...

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铂修饰光阴极及其在纳晶太阳能电池中的应用 - group of 2 »

郝三存, 吴季怀, 林建明, 黄昀昉 - 感光科学与光化学, 2004 - 万方数据资源系统

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Three flavor neutrino oscillation constraints from accelerator, reactor, atmospheric and solar ... - group of 2 »

O Yasuda, H Minakata - Arxiv preprint hep-ph/9602386, 1996 - arxiv.org

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AND SOLAR NEUTRINO EXPERIMENTS Osamu Yasuda 1 and Hisakazu Minakata 2 ...

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Constraining almost degenerate three-flavor neutrinos - group of 4 »

H Minakata, O Yasuda - Physical Review D, 1997 - APS

... with 90% CL for the three-flavor MSW solution of the solar neutrino problem obtained

by Fogli et al. @22#. 1694 56HISAKAZU MINAKATA AND OSAMU YASUDA 0.13 and ...

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A sterile neutrino scenario constrained by experiments and cosmology - group of 3 »

N Okada, O Yasuda - Arxiv preprint hep-ph/9606411, 1996 - arxiv.org

... CONSTRAINED BY EXPERIMENTS AND COSMOLOGY Nobuchika Okada 1 2 and Osamu Yasuda 3 ... for the solar, the atmospheric and the LSND neutrino anomalies. It is shown ...

[Cited by 131](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

Dark Matter Neutrinos Must Come with Degenerate Masses - group of 6 »

H Minakata, O Yasuda - Arxiv preprint hep-ph/9712291, 1997 - arxiv.org

... Hisakazu Minakata * and Osamu Yasuda † Department ... matter neutrinos, the

solar neutrino deficit and the atmospheric neutrino anomaly ...

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Three flavor neutrino oscillation analysis of the SuperKamiokande atmospheric neutrino data - group of 5 »

O Yasuda - Physical Review D, 1998 - APS

... R. Foot, RR Volkas, and O. Yasuda, Phys. ... See, eg, SOLAR NEUTRINOS: The First Thirty Years, edited by JN Bahcall, R. Davis, Jr., P. Parker, A. Smirnov, and R ...

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Effects of neutrino mixing on high-energy cosmic neutrino flux - group of 4 »

H Athar, M Jeżabek, O Yasuda - Physical Review D, 2000 - APS

... ABEK, AND O. YASUDA PHYSICAL REVIEW D 62 103007 103007-4 &DmLSND2 /eV2&2 ... we takeU e35Ue450, in the following discussion. The analysis of the solar neutrino data ...

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A test of the equivalence principle by long-baseline neutrino-oscillation experiments - group of 2 »

K Iida, H Minakata, O Yasuda - Arxiv preprint hep-ph/9211328 - arxiv.org

... EXPERIMENTS Kazuhito Iida, Hisakazu Minakata and Osamu Yasuda Department of Physics, Tokyo Metropolitan University ... which the solar neutrinos (see, eg, Ref. ...

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Testing maximal electron and muon neutrino oscillations with sub-GeV SuperKamiokande atmospheric ... - group of 4 »

R Foot, RR Volkas, O **Yasuda** - Physical Review D, 1998 - APS

... The University of Melbourne, Parkville, 3052 Australia O. **Yasuda** Department of ... put forward as an explanation of the atmospheric and **solar** neutrino anomalies. ...

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Four neutrino oscillation analysis of the Superkamiokande atmospheric neutrino data - group of 2 »

O **Yasuda** - Arxiv preprint hep-ph/0006319, 2000 - arxiv.org

... Oscil- lation solutions of the **solar** neutrino problem are also allowed. 14.60.P, 26.65, 28.41, 96.60.J Typeset using REVTeX * Email: **yasuda@phys.metro-u.ac** ...

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O **Yasuda** - Arxiv preprint hep-ph/9910428, 1999 - arxiv.org

... where $\Delta m^2_{ij} \equiv m^2_i - m^2_j$. If both the **solar** neutrino deficit and the atmospheric neutrino anomaly are to be solved by ... Email: **yasuda@phys.metro** ...

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Blue Polarized Electroluminescence from a Liquid Crystalline

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Polyfluorene - group of 2 »

... T Miteva, D Neher, HG Nothofer, U Scherf, A **Yasuda** - Advanced Materials, 1999 - doi.wiley.com

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Yasuda ... have used an alignment layer made of a rubbed, **hole**-conductor filled ...

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Experimental evidence of inelastic tunneling and new IV model for stress-induced leakage current

S Takagi, N **Yasuda**, A Toriumi - Electron Devices Meeting, 1996., International, 1996 - [ieeexplore.ieee.org](#)

... New IV Model for Stress-induced Leakage Current Shin-ichi Takagi, Naoki **Yasuda** and

Akira ... value of γ is determined by the ratio of the source (**hole**) current, I ...

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Holographic Manipulation of a Cold Atomic Beam - group of 3 »

M Morinaga, M **Yasuda**, T Kishimoto, F Shimizu, J ... - Physical Review Letters, 1996 - APS

... Manipulation of a Cold Atomic Beam Makoto Morinaga, Masami **Yasuda**, Tetsuo Kishimoto ...

practical resolution is approximately the size of the unit open **hole** of the ...

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Experimental evidence of inelastic tunneling in stress-induced leakage current - group of 2 »

S Takagi, N **Yasuda**, A Toriumi - Electron Devices, IEEE Transactions on, 1999 - [ieeexplore.ieee.org](#)

... 40, pp. 986–993, 1993. [6] N. **Yasuda**, N. Patel, and ... 3883–3894, 1995. [8] GJ Hemink,

K. Shimizu, S. Aritome, and R. Shirota, "Trapped **hole** enhanced stress ...

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[PDF] A Detailed Study of Plastic Scintillating Strips with Axial Wavelength Shifting Fiber and VLPC ... - group of 3 »

... , E Neis, L Oesch, J Qian, M Rijssenbeek, T **Yasuda** - Nucl. Instrum. Meth. A, 1995 - [www-d0.fnal.gov](#)

... T. **Yasuda** and ... The **hole** for the fibers is created by using a ball-end mill to cut a

groove of circular cross-section along the axis of the strips. ...

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Direct Determination of the Quantum-Mechanical Density Matrix Using the Density Equation - group of 5 »

H Nakatsuji, K **Yasuda** - Physical Review Letters, 1996 - APS

... Density Matrix Using the Density Equation Hiroshi Nakatsuji* and Koji **Yasuda**#

Department of ... represents the following process: A particle (or a **hole**) 2 first ...

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Hydrographic structure and transport of the Oyashio south of Hokkaido and the formation of North ... - group of 4 »

I **Yasuda**, Y Hiroe, K Komatsu, K Kawasaki, TM Joyce ... - Journal of Geophysical Research, 2001 - [agu.org](#)

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Institution, Woods **Hole**, Massachusetts. Frank Bahr. Woods ...

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Ambipolar pentacene field-effect transistors with calcium source-drain electrodes

T Yasuda, T Goto, K Fujita, T Tsutsui - Applied Physics Letters, 2004 - link.aip.org

... Takeshi Yasuda, Takeshi Goto, Katsuhiko Fujita, Tetsuo Tsutsui. ... effect transistor showed typical ambipolar characteristics and field-effect hole mobility of and ...

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QDM Khosru, N Yasuda, K Taniguchi, C Hamaguchi - Journal of Applied Physics, 1994 - link.aip.org

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MOS) structure are determined after substrate hot-hole injection experiments ...

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ScholarResults 1 - 10 of about 29,200 for **schmidt and solar**. (0.15 seconds)**Solar Forcing of Regional Climate Change During the Maunder**[All articles](#) [Recent articles](#)**Minimum - group of 10 »**DT Shindell, GA **Schmidt**, ME Mann, D Rind, A Waple - Science, 2001 - sciencemag.org... DT Shindell, RL Miller, GA **Schmidt**, L. Pandolfo, Nature 399, 452 (1999) [CrossRef][ISI] We thank J. Lean for providing the **solar** irradiance reconstruction. ...Cited by 122 - [Web Search](#) - [BL Direct](#)**Northern Hemisphere winter climate response to greenhouse gas, ozone, **solar**, and volcanic forcing - group of 3 »**DT Shindell, GA **Schmidt**, RL Miller, D Rind - Journal of Geophysical Research, 2001 - adsabs.harvard.eduTitle: Northern Hemisphere winter climate response to greenhouse gas, ozone, **solar**,and volcanic forcing Authors: Shindell, Drew T.; **Schmidt**, Gavin A.; Miller ...Cited by 85 - [Web Search](#)**The interaction of the **solar** wind with a comet - group of 3 »**LP Biermann, BP Brosowski, HUP **Schmidt** - Solar Physics, 1967 - Springer

... presented to the Bayerische Akademie der Wissen- schaften (BIERMANN, BROROWSKI,

and **SCHMIDT**, 1962, 1966), to the Pasadena Conference on the **Solar** Wind (BIERMANN ...Cited by 50 - [Web Search](#)**... of the ionic charge state distribution during the November 1997 **solar** energetic particle event - group of 4 »**... , D Hovestadt, EJ Lund, D Morris, WKH **Schmidt** - Geophys. Res. Lett, 1999 - www-ssg.sr.unh.edu... 1 WKH **Schmidt** 3 Abstract. Ionic charge state distributions for a variety of species,such as C, O, Ne, Mg, Si and Fe were obtained with the **Solar** Energetic ...Cited by 48 - [View as HTML](#) - [Web Search](#) - [BL Direct](#)**Dynamics of **solar** magnetic elements**... , KS Balasubramaniam, M Knölker, W **Schmidt** - Astronomy and Astrophysics, 1999 - adsabs.harvard.eduTitle: Dynamics of **solar** magnetic elements Authors: Sigwarth, M.; Balasubramaniam,KS; Knölker, M.; **Schmidt**, W. Affiliation: AA(Kiepenheuer-Institut für ...Cited by 47 - [Web Search](#)**X-rays from comets generated by energetic **solar** wind particles**R Wegmann, HU **Schmidt**, CM Lisse, K Dennerl, J ... - Planetary and Space Science, 1998 - adsabs.harvard.eduTitle: X-rays from comets generated by energetic **solar** wind particles Authors: Wegmann,R.; **Schmidt**, HU; Lisse, CM; Dennerl, K.; Englhauser, J. Affiliation: AA ...Cited by 42 - [Web Search](#) - [BL Direct](#)**Volcanic and **Solar** Forcing of Climate Change during the Preindustrial Era - group of 4 »**DT Shindell, GA **Schmidt**, RL Miller, ME Mann - Journal of Climate - ams.allenpress.com... article on other systems Shindell, D., **Schmidt** GA, Mann ME, Rind D., and Waple A.,2001a: **Solar** forcing of regional climate change during the Maunder Minimum. ...Cited by 32 - [Web Search](#) - [BL Direct](#)

Novel hybrid **solar** cells consisting of inorganic nanoparticles and an organic hole transport ... - group of 2 »

... , P Otschik, R Fink, A Bacher, HW **Schmidt** - Synthetic Metals, 1997 - ingentaconnect.com

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[CITATION] Advances in monocrystalline Si thin film **solar** cells by layer transfer

RB Bergmann, TJ Rinke, J **Schmidt**, JH Werner, C ... - Solar Energy Materials and Solar Cells, 2002

... D21; J. **Schmidt**, L. Oberbeck, TJ Rinke, C. Berge, RB Bergmann, Application of plasma silicon nitride to crystalline thin film silicon **solar** cells, 17th European ...

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Solar-cell characteristics and interfacial chemistry of indium-tin-oxide/indium phosphide and indium ... - group of 5 »

... Jr, WR Sinclair, PH **Schmidt**, FA Thiel, EG Spencer ... - Journal of Applied Physics, 1979 - link.aip.org

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J Schmitt - Astronomy and Astrophysics, 1997 - adsabs.harvard.edu

Authors: **Schmitt**, JHMM Journal: Astronomy and Astrophysics, v.318 ... X-ray surface flux of **solar coronal holes** ... therefore appears that a coronal **hole** represents the ...

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... Novel hybrid **solar** cells consisting of inorganic nanoparticles and an organic **hole** transport material. ... Otschik P.; Fink R.; Bacher A.; **Schmidt** HW. ...

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... KD Kokkotas and BG **Schmidt** 4 ... Observations of **solar** oscillations (with thousands of nonradial modes) have ... or gravitational) of stellar or black **hole** spacetimes. ...

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J Schmitt, C Liefke - A&A, 2004 - edpsciences.org

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